

CITY OF LANCASTER.



ANNUAL REPORT

OF

THE MEDICAL OFFICER
OF HEALTH FOR THE
YEAR ENDED 31st DEC.,
1946.

A. R. GRAHAM, M.B., Ch.B., D.P.H.,
Barrister-at-Law.

Beeley Bros., Lancaster.



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TO THE CHAIRMAN
AND MEMBERS OF THE
PUBLIC HEALTH COMMITTEE.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I beg to present the Annual Report for 1946.

As I did not commence duty as Medical Officer of Health until 28th December, 1946, the Report concerns the work of my predecessor, Dr. E. Hughes, who left to take up his duties as Medical Officer of Health to the County Borough of Preston, in August, 1946, and of Dr. R. T. Rankin, who was acting Medical Officer of Health, from that time until I took up duties.

The statistics for the year shew a marked increase in the birth-rate and a decided decrease in the death-rate, whilst the infant mortality rate is the lowest on record.

Infectious diseases generally have been much below the numbers notified in recent years and no particular infectious disease was prevalent.

Immunisation against diphtheria was carried out as in previous years and a " booster " dose was given in a number of cases.

The report also includes for record purposes, statistics relating to School Medical Inspection, which is now controlled by the Lancashire County Council. The work of the School Medical Service was carried out on routine lines and there was nothing unusual which came to light during the year.

The work of the Sanitary Inspectors is also detailed in the body of the report. The notable feature was the commencement towards the end of the year, of a comprehensive survey of the houses of the City to ascertain the degree of overcrowding, and also to compile very useful and valuable information on housing requirements and the condition of existing property. The conclusions of this survey will be reported fully in the next report.

In conclusion I would like to record my thanks to the Chairman and members of the Public Health Committee for their help and co-operation and to the staff for their assistance in carrying out the work of the department.

I am,

Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,

A. R. GRAHAM,

Medical Officer of Health.

VITAL STATISTICS.

Area (in Acres)	5,036
Population (Registrar General's Estimate), Mid-year 1946 ...	40,820
Number of Inhabited Houses according to Rate Books ...	12,920
Rateable Value	£335,493
Sum represented by a Penny Rate	£1, '54

LIVE BIRTHS. BIRTH RATE 18·2

	Males.	Females.
Total	454	453
Legitimate	426	421
Illegitimate	28	32

STILL BIRTHS.

	Males.	Females.
Total	11	16
Legitimate	10	15
Illegitimate	1	1

DEATHS OF INFANTS UNDER ONE YEAR OF AGE.

	Males.	Females.
Total	19	18
Legitimate	17	17
Illegitimate	2	1

Still Birth Rate 30

Infantile Mortality Rate 40

DEATHS.

CRUDE DEATH RATE 10·0

Males 264

Females 239

MATERNAL DEATHS.

Death Rate per 1,000 total
(live and still) births.

(1) Puerperal Sepsis —

Nil.

(2) Other maternal causes 1

1·07

DEATHS FROM—

Cancer 81

Measles Nil.

Whooping Cough Nil.

Diarrhoea (under 2 years of age) 1

Tuberculosis—Pulmonary... .. 25

„ Non-Pulmonary 4

COMPARATIVE STATISTICS.

	Per 1,000 of Estimated Population.			Maternal Mortality Rate.			Rate of Deaths under one year per 1,000 Live Births.
	Live Birth Rate	Death Rate.	Death Rate from Tuberculosis of the Respiratory System.	Death Rate from Cancer.	Per 1,000 Live Births.	Per 1,000 total (Live and Still) Births.	
Mean of 5 years, 1941-45	15.0	11.5	0.39	1.56	3.31	3.20	50
1945	14.3	11.7	0.35	1.57	4.40	4.29	45
1946	18.2	10.0	0.50	1.62	1.10	1.07	40
Increase or Decrease in 1946 on—							
5 years' Average, 1941-45	+3.2	-1.5	+0.11	+0.06	-2.21	-2.13	-10
Previous year	+3.9	-1.7	+0.15	+0.05	-3.30	-3.22	-5

CAUSES OF DEATH, 1946.

	CAUSES.	Males.	Females.	Total.
1.	Typhoid and paratyphoid Fevers	...	0	0
2.	Cerebro Spinal Fever	...	0	0
3.	Scarlet Fever	...	0	0
4.	Whooping Cough	...	0	0
5.	Diphtheria	...	1	1
6.	Tuberculosis of the Respiratory System	... 16	9	25
7.	Other forms of Tuberculosis	... 2	2	4
8.	Syphilitic diseases	... 2	1	3
9.	Influenza	... 1	3	4
10.	Measles	... 0	0	0
11.	Acute poliomyelitis and polio-encephalitis.	0	0	0
12.	Acute infectious Encephalitis	... 0	0	0
13.	Cancer of Buc: cav: & œsoph: (M) uterus (F)	1	2	3
14.	Cancer of stomach and duodenum	... 9	3	12
15.	Cancer of breast	... 0	9	9
16.	Cancer of all other sites	... 33	24	57
17.	Diabetes	... 2	0	2
18.	Intra cranial vascular lesions	... 39	33	72
19.	Heart Disease	... 62	67	129
20.	Other diseases of circulatory system	... 14	10	24
21.	Bronchitis	... 12	10	22
22.	Pneumonia	... 3	6	9
23.	Other respiratory diseases	... 1	4	5
24.	Ulcer of stomach or duodenum	... 5	1	6
25.	Diarrhœa under 2 years	... 1	0	1
26.	Appendicitis	... 1	1	2
27.	Other digestive diseases	... 2	10	12
28.	Nephritis	... 13	11	24
29.	Puerperal and post-abortive sepsis	... 0	0	0
30.	Other maternal causes	... 0	1	1
31.	Premature birth	... 5	5	10
32.	Congenital malformation, birth injury, infantile diseases:	... 8	5	13
33.	Suicide	... 4	2	6
34.	Road traffic accidents	... 2	0	2
35.	Other violent causes	... 8	3	11
36.	All other causes	... 17	17	34
Total Deaths from all Causes		...264	239	503

DEATHS BY WARDS in 1946.

	0-1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65-75	75-80	80+	Total.
Castle ...	5	—	—	—	—	—	—	1	3	1	13	16	5	4	48
John O'Gaunt ...	1	—	—	—	—	—	—	—	1	2	18	19	18	19	78
Park ...	2	—	—	—	—	—	—	—	2	3	18	24	8	7	64
Queen's ...	2	—	—	1	—	—	—	—	—	5	17	13	9	15	62
Scotforth...	4	—	—	—	2	—	—	2	6	1	15	18	13	14	75
Skerton East ...	8	—	1	—	1	—	—	1	3	4	14	7	10	10	59
Skerton West ...	10	—	—	—	—	—	—	—	3	5	23	14	15	7	77
St. Anne's ...	5	—	—	—	—	1	—	—	6	1	10	9	5	3	40
Total ...	37	—	1	1	3	1	—	4	24	22	128	120	83	79	503

DEATHS IN HOSPITALS AND INSTITUTIONS.

Royal Lancaster Infirmary	...	...	...	...	...	101
Public Assistance Institution	...	...	...	...	...	47
County Mental Hospital	...	...	...	...	...	9
Nazareth House	...	...	...	...	...	3
Lancaster Pulmonary Hospital	...	...	...	...	...	3
Lancaster and District Isolation Hospital...	...	...	...	...	...	2
Westhaven Nursing Home	...	...	...	...	...	1
Hospitals, etc., outside the area	...	...	...	...	...	17
						183

INFECTIOUS DISEASE.

There was a noticeable absence of infectious disease throughout the year. The number of cases of Scarlet Fever decreased from 130 in 1945 to 53, and 25 Diphtheria cases notified compared favourably with 44 in 1945. Measles, which was prevalent in the early part of 1945, was almost absent in 1946, there being only 19 notified cases.

The one death from Diphtheria occurred in a child who had not been immunised.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES.

DISEASE.	CASES NOTIFIED.												Cases Admitted to Hospital.	Deaths	
	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 & over			Total
Scarlet Fever	—	1	6	2	8	16	13	2	4	1	—	—	53	44†	—
Diphtheria ...	—	—	2	4	—	6	6	1	3	1	—	—	25	25	1
Enteric Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paratyphoid Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles ...	1	2	3	2	2	6	1	—	2	—	—	—	19	1	—
Whooping Cough...	3	8	5	9	3	10	—	—	—	—	—	—	38	3	—
Acute Pneumonia (Primary and Influenzal)	—	—	—	—	—	1	—	2	6	6	19	13	47	35*	9
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	—	—	—	3	3§	—
Cerebro-Spinal Fever	—	—	—	—	—	—	1	—	—	—	—	—	1	1	—
Erysipelas ...	—	—	—	—	—	—	—	—	3	5	29	9	46	36	—
Dysentery ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum	4	—	—	—	—	—	—	—	—	—	—	—	4	3	—
Pemphigus Neonatorum ...	1	—	—	—	—	—	—	—	—	—	—	—	1	1	—
Malaria (contracted abroad)	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—
Totals...	9	11	16	17	13	39	21	5	22	14	49	22	238	152	10

Under the heading "Cases admitted to Hospital" the following cases are included :—

- † Scarlet Fever ...1 from Royal Albert Institution.
- * Pneumonia... 30 from County Mental Hospital and 3 from Royal Albert Institution.
- § Puerperal Pyrexia...3 from Public Assistance Institution.
- || Erysipelas ... 35 from County Mental Hospital.

TUBERCULOSIS.

The following table gives details of the number of cases of tuberculosis notified each year since 1938, and it will be noted that the number of cases of respiratory tuberculosis is the highest during the period, and, in fact, the highest since 1933. There were four fewer cases of non-respiratory tuberculosis. In three instances of tuberculous meningitis, the patients died without having previously been notified as suffering from tuberculosis.

		CASES NOTIFIED.		DEATHS.	
		Respiratory.	Other Forms.	Respiratory.	Other Forms.
1938	...	33	24	33	4
1939	...	36	12	15	2
1940	...	45	18	27	6
1941	...	48	10	25	3
1942	...	35	11	20	5
1943	...	43	10	19	2
1944	...	40	14	20	6
1945	...	46	13	17	10
1946	...	52	9	25	4

Notified cases and deaths in 1946 :—

Age Periods		CASES NOTIFIED.				DEATHS.			
		Respiratory		Other Forms		Respiratory		Other Forms	
		Males	Females	Males	Females	Males	Females	Males	Females
C-I	...	—	—	—	—	—	—	—	—
I-5	...	1	—	1	—	—	—	1	—
5-10	...	2	—	1	3	—	—	—	—
10-15	...	—	—	—	1	—	—	—	—
15-20	...	2	2	—	1	1	2	—	—
20-25	...	5	2	—	—	—	3	—	1
25-35	...	4	6	1	—	3	1	—	—
35-45	...	7	4	—	—	—	1	1	—
45-55	...	10	—	—	—	6	1	—	1
55-65	...	4	—	—	1	5	—	—	—
Over 65	...	3	—	—	—	1	1	—	—
		38	14	3	6	16	9	2	2
		52		9		25		4	

DIPHTHERIA IMMUNISATION.

The number of cases of diphtheria continues to decrease and has fallen from 44 last year, and a peak of 164 in 1933, to 25 this year. This undoubtedly results from the diphtheria immunisation campaign, although the figures should improve considerably in view of the large number of children now immunised (51.2 per cent. of children under 5 and 83.6 of children aged 5 to 15). Eight children who had been immunised contracted diphtheria although in a generally mild form. The single diphtheria death which occurred was in a non-immunised child.

Since 1937 when immunisation was started no deaths have occurred amongst immunised children.

I. IMMUNISATION IN RELATION TO CHILD POPULATION.

Number of Children who had completed a full course of Immunisation at any time up to 31st December, 1946.

Age at 31/12/46.. i.e. Born in Year	Under 1 1946	1 1945	2 1944	3 1943	4 1942	5 to 9 1935-41	10 to 14 1930-34	Total under 15
Number Immunised ...	2	335	328	502	541	2,559	3,092	7,359
Estimated mid-year population 1946... ..	3,330					6,760		

II. DIPHTHERIA NOTIFICATIONS AND DEATHS IN RELATION TO IMMUNISATION.

NOTIFICATIONS.			DEATHS.		
Age at date of Notific- ation.	Number of cases notified.	Number of cases included in pre- ceding column in which the child had completed a full course of immunisation.	Age at date of death.	Number of Deaths.	Number of cases included in pre- ceding column in which the child had completed a full course of immunisation.
under 1...	—	—	under 1...	—	—
1-2...	—	—	1-2...	—	—
2-3...	2	1	2-3...	—	—
3-4...	4	—	3-4...	1	—
4-5...	—	—	4-5...	—	—
5-9...	7	2	5-9.	—	—
10-14...	5	3	10-14...	—	—
Totals ...	18	6	Totals ...	1	—

VENEREAL DISEASES.

The scheme for treatment is administered by the Lancashire County Council and a Clinic has been established at the Public Assistance Institution, 2, Quernmore Road, Lancaster.

I am indebted to the Venereal Diseases Officer, Dr. A. Fessler, for the following information relating to Lancaster patients who attended for treatment during 1946 :—

	Patients who attended Clinic		
	Males	Females	Total
Non-Venereal Conditions..	69	22	91
Gonorrhœa	35	7	42
Syphilis	24	17	41
Totals	128	46	174

STEPS TO COMBAT INFESTATION.

Two special cleansing clinics have been established and continue to operate regularly. One woman is employed full-time in dealing with scabies and resistant cases of uncleanness. Adult males are treated by a male part-time worker who is paid on a sessional basis.

Sacker's steel combs and special head lotions, e.g., Lethane, are lent or supplied from the clinic in suitable cases, with instructions for adults and other home contacts

The five health visitors, who are also school nurses, pay frequent visits to homes on information gained in routine cleanliness examinations at schools, and are able to give advice in regard to pre-school children and others.

Leaflets are distributed through the schools and Maternity and Child Welfare clinics in regard to the maintenance of personal cleanliness.

The following table gives details of treatments for scabies :—

THURNHAM HOUSE.							
Number of families—95.	Adults		Children		Total		
	M.	F.	5—14	0—5			
Individual cases ...	—	5	...	92 23	...	120	
Number of treatments ...	—	11	...	202 47	...	260	

HARE RUNS.							
Number of families—73.	Adults		Children		Total		
	M.	F.	5—14	0—5			
Individual cases ...	20	26	...	46 14	...	106	
Number of treatments ...	40	52	...	111 27	...	230	

MATERNITY AND CHILD WELFARE.

INFANT WELFARE CLINICS.

	0-12 months			1-5 years	
	First Attendances	Re-Attendances		First Attendances	Re-Attendances
Thurnham House...	418	4812	...	68	1123
Ryelands House ...	217	2370	...	29	663

ANTE-NATAL CLINICS.

	First attendances	Re-attendances	Total
Thurnham House ...	302	529	831
Ryelands House ...	182	449	631

NOTIFICATION OF BIRTHS.

Live Births	...	...	896
Still Births	...	...	26
Total ...	922	Non-notified Births...	2

Place of confinement—Lancaster residents :—

Royal Lancaster Infirmary	...	...	360
Westhaven Nursing Home	...	...	94
Public Assistance Institution	...	...	18
Private Nursing Homes outside Lancaster			9
Own Home	...	...	443
			924

Of 878 births investigated :—

Delivered by a Doctor	...	...	202
„ „ Midwife	...	...	669
Born before arrival of Doctor or Midwife			7

INFANTILE MORTALITY.

No. of deaths of Infants under one year of age	...	...	37
Rate per 1,000 livebirths	...	...	40

Infant Deaths by Wards :—

Ward.	Male.	Female.	Total.
Castle ...	1	4	5
John o'Gaunt...	1	—	1
Park ...	—	2	2
Queen's	1	1	2
Scotforth	4	—	4
Skerton East ...	5	3	8
Skerton West...	4	6	10
St. Anne's	2	3	5

CAUSES OF DEATH OF INFANTS UNDER ONE YEAR OF AGE.

CAUSE.	Under one week.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 4 weeks.	1-3 months.	3-6 months.	6-9 months.	9-12 months.	Total.
Convulsions ...	—	—	1	—	1	2	—	—	2	5
Pneumonia	—	—	—	—	—	2	1	—	—	3
Enteritis ...	—	—	—	—	—	—	1	—	—	1
Suffocation (over-laying) ...	—	—	—	—	—	1	—	—	—	1
Injury at Birth ...	1	—	—	—	1	—	—	—	—	1
Congenital Mal-formation ...	3	—	—	—	3	—	1	—	—	4
Premature Birth...	9	2	—	—	11	—	—	—	—	11
Atrophy, Debility and Marasmus...	1	1	—	—	2	1	—	—	—	3
Other Causes ...	5	—	—	—	5	—	2	1	—	8
Total ...	19	3	1	—	23	6	5	1	2	37

WORK OF HEALTH VISITORS.

Routine Visits to :

	1st Visit.	Re-Visits.	Total.
Expectant mothers ...	313	253	566
Children under 1 year ...	878	3172	4050
Children 1-5 years ...	—	5945	5945
Special Visits ...	—	—	98

CHILD LIFE PROTECTION.

Fifteen children were on the register at the end of the year. 35 visits were made by the Health Visitors during the year.

CARE OF ILLEGITIMATE CHILDREN.

The Lancashire County Council has formulated a scheme in conjunction with Maternity and Child Welfare Authorities working in close co-operation with voluntary associations. The City Council participates in this scheme, which has worked smoothly throughout the year.

CARE OF PREMATURE INFANTS.

No special arrangements have been made in this matter.

HOME HELP SCHEME FOR MATERNITY CASES.

Home Helps were provided in eight confinements to carry out general domestic duties. In five cases the Help provided was from the Local Authority's list, and in the remaining three cases persons suggested by the patients were engaged.

DOMESTIC HELP SCHEME.

The calls for assistance in this scheme have shown an increase as wider publicity has been given to it. The supply of domestic workers has balanced the calls made for assistance, but it is not too easy to obtain such workers owing to the intermittent nature of the employment. Assistance has been given in 14 cases during the year.

DAY NURSERIES.

Willow Lane (51 places) and Greaves Park (50 places) Nurseries were handed over to the Education Authority, on 1st April and 1st October, respectively, for use as Nursery Schools, whilst the Ryelands Park Nursery (91 places) was in use throughout the year as a non-residential Day Nursery, catering for the age groups 0—2 and 2—5 years.

The Average daily attendances (excluding Saturday and Sunday) were as under :—

1946	Willow Lane		Greaves		Ryelands	
	0—2	2—5	0—2	2—5	0—2	2—5
January—March...	6	22	9	32	16	36
April—September	—	—	10	17	17	25
October—December	—	—	—	—	18	29

ADOPTION OF CHILDREN REGULATIONS ACT, 1939.

Number of persons who gave notice under section 7 (3)

during the year 5

Total number of children “adopted” under the section

during the year 5

INFORMATION RELATING TO CLINICS, &c.

Maternity and Child Welfare.

Thurnham House, Thurnham Street :

Child Welfare Clinics, Wednesday & Thursday, 2 to 4 p.m.

Ante Natal Clinic, Friday, 2 to 4 p.m.

Ryelands House, Skerton :

Child Welfare Clinic, Monday, 2 to 4 p.m.

Ante Natal Clinic, Thursday, 9-30 a.m. to 12 noon.

Tuberculosis.

The Lancashire County Council Area Dispensary, 8, Middle Street, Lancaster, Monday, 10 a.m. Other days and evenings by appointment.

N.B.—New patients must be referred by their own doctor.

Venereal Diseases.

The Lancashire County Council Clinic at Parkside, 2, Quernmore Road, Lancaster :

	Monday	Friday
Males . . .	6 p.m. to 7-30 p.m.	12-30 p.m. to 1-30 p.m.
Females...	4 p.m. to 5 p.m.	11 a.m. to 12 noon.
Hospital serving the Area :		Out-patient hours.
Royal Lancaster Infirmary ...		8-30 a.m. to 9-30 a.m.

Addresses.

Medical Officer of Health :

Public Health Department,
Thurnham Street, Lancaster. Tel. 990.

Relieving Officer :

5, Dalton Square, Lancaster. Tel. 691.

Vaccination Officer :

5, Dalton Square, Lancaster. Tel. 101.

Registrar of Births and Deaths :

5, Dalton Square, Lancaster. Tel. 1271.

Midwives :

Mrs. M. E. Barker,
91, Halton Road, Lancaster. Tel. 1076.

Miss E. Fox,
5, Cromwell Road, Lancaster. Tel. 1279.

Mrs. N. Cowell,
15, Baker Street, Lancaster. Tel. 1273.

Mrs. J. M. Jones,
2, Ayr Street, Lancaster. Tel. 692.

Lancaster District Nursing Society :

Victoria Home,
2, Regent Street, Lancaster. Tel. 372.

WORK OF SANITARY INSPECTORS.

Mr. F. Shaw, Senior Sanitary Inspector, reports as follows :—

CLOSET ACCOMMODATION AT END OF 1946.

Privy Middens—No. of middens, 1 ; No. of closets attached to these middens, 1. No. of pail closets, 7. No. of dry ashpits, excluding middens, 6. No. of movable ashbins, 13,753. No. of houses on water carriage system, 12,920. No. of fresh water closets, 17,029. No. of waste water closets, nil.

Conversions during 1946 :—

No. of privy closets—To fresh water closets, none ; to waste water closets, none ; to pails, etc., none.

No. of pail closets—To fresh water closets, none ; to waste water closets, none.

No. of waste water closets to fresh water closets, none.

No. of houses at which movable ashbins have been substituted for fixed receptacles, none.

SANITARY INSPECTIONS DURING 1946.

No. of premises visited, 9,847. Defects or nuisances—No. discovered, 1,227 ; No. abated, 1,088. No. of notices served—Informal, 226 ; Statutory, 242. Legal proceedings, nil.

SANITARY IMPROVEMENTS EFFECTED FOLLOWING ACTION BY THE SANITARY INSPECTORS.

Repairs to Dwelling Houses.

Roofs repaired	...	...	...	...	...	...	70
Gutters and downspouts repaired	...	...	...	...	...	...	166
Floors repaired	...	...	...	...	...	...	12
Walls and ceilings re-plastered or repaired	...	...	...	...	...	...	41
Dampness of walls remedied	...	...	...	...	...	...	11
Windows repaired	...	...	...	...	...	...	60
New sinks provided	...	...	...	...	...	...	4
Verminous houses disinfested	...	...	...	...	...	...	6

Drainage, Sanitary Accommodation, Etc.

Drains cleared from obstruction	...	...	...	...	...	87
Drainage systems repaired or re-laid	...	...	...	...	...	81

Drains disconnected from sewer	...	...	...	...	17
Public sewers repaired	...	...	...	...	10
W.C.'s re-constructed or repaired	...	...	...	...	73
Dustbins provided	...	...	...	...	123

Various.

Nuisances from the keeping of animals abated	...	...	...	...	7
Offensive accumulations removed	...	...	...	...	6
Improvements in factories	...	...	...	...	73
Improvements in food premises	...	...	...	...	10
Miscellaneous	...	...	...	...	155

Issue of letters of priority for supply of building materials, etc.

During the year 369 letters certifying as to the necessity for the supply of building materials and sanitary fittings, etc., were given to building contractors and others.

Certificates issued for building materials :—

Timber (eaves, gutters, etc.)	...	...	...	...	45
Rainwater pipes, drain pipes, etc.	...	...	...	...	35
W.C. pedestal basins	...	...	...	...	45
W.C. cisterns	...	...	...	...	2
Lavatory basins	...	...	...	...	24
Sinks	...	...	...	...	13
Plaster	...	...	...	...	7
Lead pipe and lead sheet	...	...	...	...	10
Glass	...	...	...	...	180
Miscellaneous	...	...	...	...	8
					369

SHOPS AND OFFICES.

Particulars of any action taken under the provisions of—

- (a) Shops Act, 1934, relating to ventilation and temperature of shops and to sanitary conveniences.
- (b) Public Health Act, 1936, relating to conditions in offices, *i.e.*, ventilation, sanitary conveniences, etc.

It was not considered desirable, under present circumstances, to press for improvements which required building works, and, furthermore, there were many other heavy demands on the services of the inspectorate which prevented the taking of action under these headings.

CAMPING SITES (OTHER THAN MILITARY).

No sites were used for camping purposes, and consequently no action was necessary under Section 269 of the Public Health Act, 1936.

SMOKE ABATEMENT.

Sixty-four observations of thirty minutes' duration were made of smoke emissions from factory chimneys. In three instances a contravention of the Act took place and notices were served.

The compiling of records of all combustion plants in factory premises was commenced towards the end of the year.

ERADICATION OF BED BUGS.

Twelve houses were disinfested by means of liquid insecticides, and 93 vans of furniture were fumigated with HCN during re-housing operations. One common lodging with a heavy infestation was sprayed with a 5% DDT/Kerosene solution, and good results were obtained.

OFFENSIVE TRADES.

Number of premises...5.

Types of offensive trades :—

Fellmonger	...	...	...	1
Gut Scrapers	...	...	...	2
Rag and Bone Dealer...	...	...	...	1
Tripe Boiler	...	...	...	1

Twenty inspections of these premises were made during the year. All the businesses were carried out without the creation of a nuisance. The premises and equipment used for tripe boiling at the Public Abattoir are below the modern standards for these businesses, but, in view of the possible re-siting of the Abattoir, it would not be practicable to carry out extensive alterations at the present time.

FACTORIES ACT, 1937.

A systematic inspection of all factories and the compiling of new records was commenced towards the end of 1946. The following tables give details of the number of inspections and of the number and type of contraventions found :—

INSPECTIONS.

Premises.	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
Without mechanical power	67	22	9	Nil.
With mechanical power	176	133	18	Nil.
Other premises ...	2	2	2	Nil.
Total	245	157	29	Nil.

DEFECTS FOUND.

	Number of cases in which defects were found				Number of cases in which prosecu- tions were instituted
	Found	Remedied	Referred To H.M. Inspector	By H.M. Inspector	
Want of Cleanliness (S.1)	4	2	—	2	—
Overcrowding (S.2) ...	—	—	—	—	—
Unreasonable temp- erature (S.3) ...	2	—	—	—	—
Inadequate ventilation (S.4)	1	—	—	—	—
Ineffective drainage of floors (S.6) ...	—	—	—	—	—
Sanitary Conveniences (S.7) :—					
(a) Insufficient ...	3	—	—	3	—
(b) Unsuitable or defective ...	101	42	—	29	—
(c) Not separate for sexes ...	—	—	—	—	—
Other offences ...	—	—	—	—	—
Total	111	44	—	34	—

COMMON LODGING HOUSES.

Number on Register :—3.

Condition :—Fair. 42 inspections made during the year.

HOUSES LET IN LODGINGS.

Number on Register :—19.

Condition :—The premises are generally below the bye-law standard, but the shortage of labour and building materials makes it impossible to effect many improvements at the present time.

TENTS, VANS, SHEDS, ETC.

Verbal warnings were given by the Sanitary Inspectors for the removal of four vans. The warnings were effective and no further action was necessary.

UNDERGROUND SLEEPING ROOMS.

So far as present records show, there is no need for regulations.

CANAL BOATS.

Number inspected :—6. Number of Infringements :—Nil.

RAG FLOCK ACT, 1911 AND 1928.

No. of premises in the district in which rag flock is manufactured, used or sold	...	...	...	...	6
No. of Inspections	...	...	...	...	7
No. of samples taken	...	...	...	...	5

Only two of the five samples were found to conform to the required standard. The other three samples contained respectively 44, 150, and 50 parts of chlorine in 100,000 parts of the flock. Court proceedings resulted in fines of £1 in each of two cases, whilst in the third, two defendants were each fined 10s. od., this last case being taken to the High Court following an appeal by the City Council.

HOUSING.

Number of new houses erected during the year :—

(i.) By Local Authority—Temporary houses	...	100
Permanent houses	...	8
		(12 dwellings).
(ii.) By other Local Authorities	...	Nil.
(iii.) By other bodies or persons	...	Nil.

1. INSPECTION OF DWELLING HOUSES DURING THE YEAR.

(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	42
(b) Number of inspections made for the purpose ...	112
(2) (a) Number of dwelling houses (included in sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	Nil.
(b) Number of inspections made for the purpose ...	Nil.
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Nil.
(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects fit for human habitation	42

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT THE SERVICE OF FORMAL NOTICES.

Number of defective dwelling houses rendered fit in consequence of informal action by the local authority or their officers	8
--	---

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR.

(a) Proceedings under Sections 9, 10, and 16, of the Housing Act, 1936 :—	
(1) Number of dwelling houses in respect of which notices were served requiring repairs	Nil.
(2) Number of dwelling houses which were rendered fit after service of formal notices :—	
(a) By owners	2
(b) By local authority in default of owners	Nil.

(b) Proceedings under Public Health Acts :—

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied 11

(2) Number of dwelling houses in which defects were remedied after service of formal notices :—

(a) By owners 10

(b) By local authority in default of owners Nil.

(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—

(1) Number of dwelling houses in respect of which Demolition Orders were made Nil.

(2) Number of dwelling houses demolished in pursuance of Demolition Orders Nil.

(d) Proceedings under Section 12 of the Housing Act, 1936 :—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made Nil.

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit... .. Nil.

4. HOUSING ACT, 1936, PART IV.—OVERCROWDING.

(a) (i) Number of dwellings overcrowded at the end of the year.	} Accurate information not available.
(ii) Numbers of families dwelling therein.	
(iii) Number of persons dwelling therein.	

(b) Number of new cases of overcrowding reported during year 8

(c) (i) Number of cases of overcrowding relieved during year 141

(ii) Number of persons concerned in such cases ... 515

HOUSING CONDITIONS.

1. GENERAL OBSERVATIONS.

Although accurate figures are not available, there is no doubt of the widespread disrepair of the property in the area and a large proportion of houses lack essential modern amenities. A comprehensive survey of all houses in the City was commenced in December, 1946.

Approximate number of back-to-back houses in the district, 9.

2. SUFFICIENCY OF SUPPLY OF HOUSES.

(a) Extent of shortage :—

At the end of the year, there were 2,412 applicants on the waiting list for Corporation houses, and although 141 families had been re-housed during the year, this figure showed an increase of 655 over the previous year's figure.

(b) Particulars of any housing scheme in hand or contemplated :

(i.) In hand. At the end of the year 182 dwellings were in course of erection by the City Council and 21 by private enterprise.

(ii.) Contemplated. Hare Runs Estate, 24. Hala Road Estate, 200. Ridge Estate, 700.

3. OVERCROWDING.

(a) Number of cases of overcrowding in houses owned by the local authority which have been relieved during the year 27

(b) Number of cases of overcrowding which have been relieved in course of slum clearance ... Nil.

The number of families living under overcrowded conditions is not known, but it is definitely established that the overcrowding which does exist is due to lack of accommodation and not to inability to pay rents.

4. FITNESS OF HOUSES.

(a) Difficulties found in action under the Public Health or Housing Acts :—

The shortage of building materials and labour prevented much progress with regard to improvement and repair of houses. Service of notices had to be restricted to works required to abate serious nuisances.

- (b) Number of houses which have not an adequate internal water supply 29
- (c) Number of houses which have no separate water closet or other adequate sanitary accommodation ... Nil.
-

INSPECTION AND SUPERVISION OF FOOD.

1. MILK SUPPLY.

The administration of the Food and Drugs Act, 1938,
and Milk and Dairies Regulations, 1926-43.

Fairly good progress was made during the year to raise the standard of premises and equipment used for the retail distribution of milk. Nine retail dairymen with premises within the City were interviewed by the appropriate Committee. One registration as a retail purveyor was revoked.

MILK (Special Designations) REGULATIONS, 1936 and 1946.

Number of Dealer's Licences (including supplementary licences) issued by the local authority during 1946, in respect of :—

“Tuberculin Tested” Milk :—

(i.) Bottling, Nil. (ii.) Distribution, 7.

“Accredited” Milk :—

(i.) Bottling, Nil. (ii.) Distribution, Nil.

Number of Licences issued in respect of “Pasteurised” Milk :—

(i.) Pasteurising Plants, Nil. (ii.) Retail Distributors, 1.

One application for a dealer's licence to sell milk with the Special Designation “Tuberculin Tested” was refused on the grounds that the dairy was a communal one and consequently it was not possible to ensure that “Tuberculin Tested” milk was kept apart from other milk.

DAIRIES, COWSHEDS AND MILKSHOPS.

Dairies are visited once a month and farms three times a year. The condition of the farms shows that eight are accredited, five are up to a good standard and the remaining five are in fair condition. Plans are being prepared for bringing another up to accredited standard.

One owner voluntarily undertook structural alterations consisting of provision of three additional windows, re-forming of the floor and provision of new boskins.

FARMS.

Number of Dairy Farms, 18. Approximate number of cows in area, 523.

Number of cowkeepers (including dairy farms), 18.

Number of inspections during the year, 64.

DAIRYMEN OR PURVEYORS OF MILK.

Number of dairymen or milk purveyors (other than cowkeepers), 133.

Action taken by local authority as to :—

(i.) Tuberculous Milk.

Number of samples submitted for biological test... 44.
Result—Positive ...Nil. Negative ... 44.

(ii.) Bacteriological Examinations.

All nondescript raw milk is subjected to methylene blue and coliform bacillus tests as prescribed for accredited standard. Special designated milks as per Milk Special Designation Regulations, 1936-41.

Number of samples, 177. Number satisfactory, 121.
Number unsatisfactory, 56.

AVERAGE DAILY CONSUMPTION OF MILK.

Description.	Daily Consumption.			Per Centum.
Nondescript raw milk ...	2474	gallons.	...	75·80%
Pasteurised milk ...	596	„	...	18·26%
Tuberculin-tested milk ...	194	„	...	5·94%

SAMPLES OF MILK TAKEN FOR BACTERIOLOGICAL AND BIOLOGICAL TESTS.

TABLE 1. METHYLENE BLUE AND B. COLI.						
No. of Samples Taken.		Nondescript Raw Milk.		Tuberculin Tested Milk.		Pasteurised Milk.
Total No. taken	...	144	...	7	...	26
No. satisfactory	...	92	...	5	...	24
No. unsatisfactory	...	52	...	2	...	2
Per. cent	„	36·11%	...	28·57 %	...	7·69%

TABLE 2.

PHOSPHATASE TEST.

Total No. taken	...	—	...	—	...	26
No. satisfactory	...	—	...	—	...	24
No. unsatisfactory	...	—	...	—	...	2
Per cent. „	...	—	...	—	...	7.69%

TABLE 3.

TUBERCULOSIS.

Total No. taken	...	37	...	7	...	—
No. negative	...	37	...	7	...	—
No. positive	...	—	...	—	...	—

2. MEAT AND OTHER FOODS.

The following are particulars of meat inspection carried out during the year at the abattoir.

Number of animals slaughtered at abattoir :—

Cattle	...	...	...	3,974
Calves	...	...	...	5,187
Sheep	...	...	...	17,973
Pigs	...	...	...	1,465

Amount of meat condemned :—

(a) For tuberculosis :

			Tons.	Cwts.	Qrs.	Lbs.
Cattle	...	...	41	8	3	10
Calves	...	...	0	2	2	3
Pigs...	...	...	1	0	3	9
			42	12	0	22

(b) For diseases other than tuberculosis :

Cattle	...	...	34	19	1	3
Calves	...	...	1	19	2	4
Sheep	...	...	4	19	2	8
Pigs...	...	...	0	8	3	2
			42	7	0	17

Particulars of foodstuffs condemned during 1946 :—

171 visits were made to food shops and stores, and the following amounts of food were condemned as unfit for human consumption :

	Tins.	Tons.	Cwts.	Qrs.	Lbs.
Tinned Meat ...	250	0	2	1	15
„ Milk ...	1091	0	9	2	6
„ Fish ...	380	0	2	1	19
„ Fruit ...	82	0	1	2	3
„ Vegetables	489	0	5	2	0
Miscellaneous					
Tinned Goods...	164	0	1	1	13
	<u>2,456</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>0</u>

	Tons.	Cwts.	Qrs.	Lbs.
Bacon ...	0	3	1	4
Biscuits ...	0	0	0	12
Butter ...	0	0	0	18
Cereals ...	0	0	1	14
Cheese ...	0	0	0	5
Chicken ...	0	0	0	3
Chocolate ...	0	0	0	7
Cocoa ...	0	0	0	3
Fish Cakes ...	0	0	0	24
Fish (Fresh) ...	0	4	0	0
Fish (Cured) ...	0	12	2	10
Flour Semolina ...	0	1	1	0
Fruit (Dried) ...	0	9	0	3
Fruit (Fresh) ...	0	1	3	12
Ham ...	0	0	0	18
Margarine ..	0	2	0	17
Meat ...	0	1	1	21
Milk (Dried) ...	0	0	0	22
Mushrooms ...	0	0	0	2
Oatmeal ...	0	2	0	2
Pickles ...	0	0	0	24
Preserves...	0	0	0	16
Puddings (Black) ...	0	0	0	20
Puddings (Christmas) ...	0	0	0	22
Sauce ...	0	0	0	1
Sausage ...	0	0	1	2
Substitute (Egg) ...	0	3	2	0
Vegetables (Potatoes) ...	6	0	0	0
	<u>8</u>	<u>3</u>	<u>2</u>	<u>2</u>

36 Meat Pies, 26 Pork Pies, 120 Fish Cakes, 480 Potato Cakes.

Legal Proceedings ... Nil.

3. INSPECTION OF FOOD PREMISES.

The City Council gave consideration to the advisability of fixing minimum standards for the design and condition of premises and equipment for the manufacture of ice cream. In consequence of the possibility of these matters being dealt with on a national basis, further action was postponed until the proposed new regulations were published in amended form.

SAMPLING OF FOOD AND DRUGS.

The following foods and drugs were submitted for analysis :—

MILK.		No. of poor quality (not adulterated).	Deficient.		Obviously Adulterated.
No. of Samples taken.			Legal proceedings not considered warranted.		
Formal	... 58	18	—		9
Informal	...149	39	—		1
			Milk Fat.	Non-fatty solids.	Water.
Average for the year		...	3·23%	8·65%	88·22%
Legal minimum standard...			3·00%	8·50%	88·50%

ANALYSIS OF OTHER FOODS AND DRUGS.

Food or Drug.				No. of samples taken.	Not genuine.	Remarks.
Barley Flakes	...	...	...	1	—	
Brandy	...	...	...	1	—	
Butter	...	...	...	2	—	
Castor Oil	...	...	...	1	—	
Cocoa	...	...	...	2	—	
Coffee	...	...	...	1	—	
Essence, Coffee and Chicory				1	—	
„ Almond	...	...	...	1	—	
„ Ginger Wine			...	1	—	
Fish Cakes	...	...	...	2	—	
Flavoured Custard			...	1	—	
Flour, Self Raising			...	2	—	
Flour, Soya	...	...	...	1	—	
Gelatine	...	...	...	3	—	
Gin	...	...	...	1	—	
Honey	...	...	...	1	—	
Jam	...	...	...	1	—	

Food or Drug.				No. of Samples taken.	Not genuine.	Remarks.
Lard	...	...	...	1	—	
Margarine	...	...	...	1	—	
Mint, dried	...	...	...	1	—	
Mixture, Cake	...	...	...	1	—	
Mustard	...	...	...	1	—	
„ French	...	...	...	1	—	
Oatmeal	...	...	...	1	—	
Orange Squash	...	...	...	1	—	
Pepper	...	...	...	1	—	
Port	...	...	...	1	—	
Powder, Baking	...	...	...	1	—	
„ Golden Raisin	...	...	...	1	—	
Sage	...	...	...	1	—	
Sage and Onion Stuffing	...	...	...	1	—	
Sauce	...	...	...	2	—	
„ Mustard	...	...	...	1	—	
Sausage, Beef	...	...	...	3	—	
Spice, Mixed	...	...	...	1	—	
„ Ginger (ground)	...	...	...	1	—	
„ Ground Cinnamon	...	...	...	1	—	
Sugar	...	...	...	1	—	
Soup, Meat	...	...	...	1	—	
Suet	...	...	...	1	—	
Tablets, Aspirin	...	...	...	1	—	
„ Saccharin	...	...	...	1	—	
Rum	...	...	...	1	—	
Vinegar	...	...	...	2	—	
Whisky	...	...	...	1	—	
Wine, Tonic	...	...	...	2	—	

LEGAL PROCEEDINGS DURING 1946.

Date.	Offence.	Result.
24/1/46	Food and Drugs Act, 1938, Section 83. An act leading to the Sale of milk containing extraneous water.	Fined £5 on each of two counts (£10 in all). Costs amounting to £3 19s. 3d. awarded.

Date.	Offence.	Result.
4/4/46	Food and Drugs Act, 1938, Section 3. Selling milk containing ex- traneous water.	Fined £5 on each of two counts (£10 in all). Costs amounting to £2 1s. 7d. awarded.
20/6/46	Food and Drugs Act, 1938, Section 3. Selling milk containing ex- traneous water.	Fined £1 on each of three counts (£3 in all). Costs amounting to £3 2s. 6d. awarded.
18/7/46	Food and Drugs Act, 1938, Section 3. Selling milk containing ex- traneous water.	Fined £5 on each of three counts (£15 in all). Costs amounting to £4 awarded.
21/3/46	Rag Flock Act, 1911, Section 1 (1). Rag Flock Regula- tions, 1912. Rag Flock not conforming to standard of cleanliness.	Fined £3 and costs amounting to £1 19s. 1d. awarded.
30/5/46	Rag Flock Act, 1911, Section 1 (1). Rag Flock Regula- tions, 1912. Rag Flock not conforming to standard of cleanliness.	Case dismissed. Success- ful appeal by City Council to King's Bench Divisional Court. Pen- alty of 10s. od. on each defendant (£1 in all). Costs of £2 awarded.
2/5/46	Rag Flock Act, 1911, Section 1 (1). Rag Flock Regula- tions, 1912. Rag Flock not conforming to standard of cleanliness.	Fined £1 0s. od. and costs amounting to 12s. 6d. awarded.

PLACES OF ENTERTAINMENT.—CINEMAS.

Thirty-four inspections of cinemas were made during the year, and all six premises were maintained in a clean condition.

Three new W.C.'s and two urinals were provided and additional exhaust ventilation installed at one cinema.

Extensive repairs, including the renewal of fans, to the exhaust ventilation system were carried out at another cinema.

ADMINISTRATION OF RATS AND MICE (DESTRUCTION) ACT, 1919.

A comprehensive survey of all premises in the City was made during the year. Details of the premises visited, number found to be infested, and estimated kill of both rats and mice are given in the following tables :—

TABLE 1. INSPECTION AND INFESTATION.

No. of premises inspected.	Total No. of visits.	No. of infested premises.		No. due to defective drains.	No. due to defective sewers.
		Rats.	Mice.		
15,152	17,433	340	251	71	9

TABLE 2. TREATMENT.

Premises treated by Council.		Premises treated by occupier.		No. of pre-baits laid.	No. of poison baits laid.	Estimated kill.	
Rats.	Mice.	Rats.	Mice.			Rats.	Mice.
109	99	139	152	8,819	4,583	3,753	6,712

DISINFECTION AND DISINFESTATION OF PREMISES.

Information concerning the disinfection and disinfestation of premises and articles carried out during the year is given in the following tables :—

DISINFECTION (Premises).

Premises Disinfected.			Rooms Disinfected.		
No. of Houses.	No. of Ships.	No. of other Premises.	In Houses.	In Ships.	In other Premises.
42	Nil.	Nil.	54	Nil.	Nil.

DISINFECTION (Books and other Articles).

Books.		Other Articles.	Articles Destroyed.	
Public Library.	Private Library.		Books.	Other Articles.
96	23	2	Nil.	3

DISINFESTATION.

Premises.		Rooms.	Articles.	Articles destroyed.
Corporation Houses	6	13	Nil.	Nil.
Other Houses ...	6	25	Nil.	Nil.
Ships ...	Nil.	Nil.	Nil.	Nil.
Other Premises ...	3	Nil.	Nil.	Nil.
Totals ...	15	38	Nil.	Nil.

WATER SUPPLY.

No alteration in the sources of supply of water was made during the year. The water, which is partly moorland surface water from the Council's own catchment area, and partly from Manchester's Thirlmere supply, is subjected to mechanical filtration and also to chlorination after heavy rain.

12,900 dwellinghouses have an internal piped supply of water, 15 have an individual piped supply, but which is situated in buildings at the rear of the houses, one block of seven houses and a block of three houses rely on a common standpipe for each block. One house is supplied by a spring, one from a stream, and one is reliant on rain water. These latter houses are situated in the rural part of the area, and it has not been reasonably practicable to provide a piped supply.

SAMPLING OF TAP WATER.

Six samples of tap water from houses were submitted for chemical analysis and nine for bacteriological examination.

The reports, abstracts of which are given below, indicate that the supply was satisfactory.

Chemical analysis of tap water :—

Test.	19/6/46.	19/6/46.	19/6/46.	6/11/46.	6/11/46.	6/11/46.
Colour ...	...	Normal	Normal	Normal	Normal	Normal
Turbidity ...	...	Nil.	Nil.	Nil.	Nil.	Nil.
Oxygen Absorbed..	0.068	0.071	0.077	0.070	0.074	0.070
Free and Saline						
Ammonia ...	0.0004	0.0034	0.0006	0.0060	0.0010	0.0010
Albuminoid						
Ammonia ...	0.0026	0.0060	0.0040	0.0042	0.0044	0.0040
Nitrous Nitrogen...	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.
Nitric Nitrogen ...	0.04	0.02	0.05	0.05	0.06	0.02
Chlorides ...	1.2	1.2	1.2	1.1	1.1	1.1
Hardness, } Temp.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.
Clarke's } Perm't	4.5	5.0	4.0	4.5	5.0	4.5
Method } Total	4.5	5.0	4.0	4.5	5.0	4.5
Reaction, pH. ...	6.5	7.0	7.0	7.5	7.0	7.5
Action on Lead ...	0.20	0.10	0.14	0.10	0.08	0.10
Metals ...	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.

BACTERIOLOGICAL EXAMINATION OF TAP WATER.

Date.	Aerobic micro-organisms growing in yeastrel agar		Probable No. of coliform organisms per 100 c.c. of water.	District sample taken.
	in 3 days at 22°C.	in 2 days at 37°C.		
15/4/46	3	1	0	Skerton West.
15/4/46	1	2	0	Skerton West.
15/4/46	5	1	0	John o'Gaunt.
19/6/46	17	18	0	Park.
19/6/46	32	1	0	Park.
19/6/46	32	4	1	Scotforth.
23/10/46	21	3	0	John o'Gaunt.
23/10/46	25	2	0	Skerton West.
23/10/46	4	approx. 4	0	Skerton West.

In addition to the samples of tap water, 4 samples of raw water and 7 samples of filtered water were taken on behalf of the City Engineer from the reservoirs and filter-houses.

BACTERIOLOGICAL EXAMINATION OF SWIMMING BATH WATER.

Ten samples of Swimming Bath water were submitted for bacteriological examination and extracts from the reports are given below :—

Date.	Aerobic micro-organisms growing in yeastral agar		Probable No. of coliform organisms per 100 c.c. of water.	Bath from which sample was taken.	
	in 3 days at 22°C.	in 2 days at 37°C.			
28/5/46	Approx. 910	170	0	Corp. Major Plunge.	
28/5/46	115,000	Approx. 430	0	Corp. Minor Plunge.	
26/6/46	430	88	0	Lan. Royal Grammar School.	No showers installed.
11/9/46	356,000	322,000	1	Corp Major Plunge.	Showers out of order.
26/6/46	480	10	1	Corp. Minor Plunge.	do.
3/9/46	3	2	0	Corp. Minor Plunge.	Showers operating again.
3/9/46	10	2	0	Corp. Major Plunge.	do.
24/9/46	37	2	0	Corp. Minor Plunge.	
24/9/46	5	2	0	Corp. Major Plunge.	
18/12/46	1	0	0	Corp. Minor Plunge.	

PORT HEALTH AUTHORITY.

There were no notifications of infectious disease on board ship, and there is nothing of importance to report.

Number of Inspections by Medical Officer of Health	3
Number of Inspections by Sanitary Inspector ...	6

STATISTICS RELATING TO
SCHOOL MEDICAL INSPECTION
DURING THE YEAR
1946.

TABLE 1.

MEDICAL INSPECTION OF CHILDREN ATTENDING MAINTAINED
PRIMARY AND SECONDARY SCHOOLS

A.—ROUTINE MEDICAL INSPECTIONS.

	(i) ALL Schools other than Column (ii).	(ii) Secondary Schools (January to March inclusive, only).
Number of Schools whose inspection was completed	67	—
Number of Inspections in the prescribed Groups :		
Entrants	1218	—
Second age group	921	—
Third age group	483	—
Number of other Routine Inspections	840	—
Total	3,462	—
Number of Parents present at Routine Inspections	911	

B.—OTHER INSPECTIONS.

	In Schools.	In School Clinics.	Total.
Number of Special Inspections	60	701	761
Number of Re-inspections ...	2,293	234	2,527
Totals	2,353	935	3,288
Number of Parents interviewed	—	757	757

C.—CHILDREN FOUND TO REQUIRE TREATMENT.

NUMBER OF INDIVIDUAL CHILDREN FOUND AT ROUTINE MEDICAL
INSPECTION TO REQUIRE TREATMENT (EXCLUDING DEFECTS OF
NUTRITION, UNCLEANLINESS, AND DENTAL DISEASES).

Group (All Schools).	Defective Vision (excluding Squint).	All other Conditions.	Total (Individual Children).
Entrants	24	69	93
Second Age Group	31	57	88
Third Age Group	16	37	53
Other Routine Inspections...	14	17	31
Total	85	180	265

TABLE II.

RESULTS OF MEDICAL INSPECTION DURING THE YEAR IN PRIMARY
AND SECONDARY SCHOOLS AND IN SCHOOL CLINICS.

A.—DEFECTS FOUND.

				Routine Inspections.		Special Inspections.	
Number of Children examined				2,062		535	
Disease or Defect.				Routine Inspections.		Special Inspections.	
				Number of Defects.		Number of Defects.	
				Requiring treatment.	Requiring to be kept under observation, but NOT requiring treatment.	Requiring treatment.	Requiring to be kept under observation, but NOT requiring treatment.
SKIN.							
Ringworm, Scalp	...	...	...	—	—	4	2
„ Body	...	...	...	1	—	5	1
Scabies	...	...	...	12	7	7	—
Impetigo	...	...	...	6	—	5	—
Other Diseases (Non-Tubercular)				7	8	49	7
EYE.							
Blepharitis	...	...	...	1	4	5	—
Conjunctivitis	...	...	...	—	—	4	—
Keratitis	...	...	...	—	—	—	—
Corneal Opacities	...	...	...	—	—	—	—
Other Conditions	...	...	...	4	6	7	2
Defective Vision	...	...	...	78	86	42	11
Squint	...	...	...	9	18	9	—
EAR.							
Defective Hearing	...	...	...	4	5	6	4
Otitis Media	...	...	...	7	4	8	6
Other Ear Diseases	...	...	...	2	2	2	4
NOSE AND THROAT.							
Chronic Tonsillitis only	...	...	...	71	182	67	20
Adenoids only	...	...	...	2	9	1	1
Carried forward				204	331	221	58

Disease or Defect	Routine Inspections.		Special Inspections.	
	Number of Defects.		Number of Defects.	
	Requiring treatment.	Requiring to be kept under observation, but NOT requiring treatment.	Requiring treatment.	Requiring to be kept under observation, but NOT requiring treatment.
Brought forward ...	204	331	221	58
Chr'nic Tonsillitis & Adenoids	23	51	11	12
Other Conditions ...	5	61	10	21
ENL. CERVICAL GLANDS. ...	1	27	4	4
DEFECTIVE SPEECH ...	1	20	4	7
HEART AND CIRCULATION.				
Heart Disease, Organic ...	—	6	—	—
" " Functional ...	—	55	—	2
Anæmia ...	—	19	1	—
LUNGS.				
Bronchitis ...	2	26	2	1
Other N'n-Tuberc'lar Diseases	—	16	2	3
TUBERCULOSIS.				
Pulmonary, Definite ...	—	—	—	—
" Suspected ...	—	—	—	4
Non-Pulmonary, Glands ...	—	1	—	2
" Bones & Joints	2	2	1	1
" Skin ...	—	—	—	—
" Other Forms ...	—	—	—	—
NERVOUS SYSTEM.				
Epilepsy ...	—	3	—	4
Chorea ...	—	1	—	—
Other Conditions ...	—	1	—	—
DEFORMITIES.				
Rickets ...	1	11	2	—
Spinal Curvature ...	—	—	—	—
Other Forms ...	20	49	17	5
OTHER DEFECTS AND DISEASES (excluding defects of Nutrition, Mental Condition, Uncleanli- ness, and Dental Diseases) ...	11	49	22	13
Total ...	270	729	297	137

B.—CLASSIFICATION OF THE NUTRITION OF CHILDREN INSPECTED
DURING THE YEAR IN ROUTINE AGE GROUPS.

Age-Groups (All Schools)	Number of Children Inspected.	A. (Excellent).		B. (Normal).		C. (Slightly Sub-norm'l)		D. (Bad).	
		No.	%	No.	%	No.	%	No.	%
Entrants	1218	181	14·9	852	70·0	182	14·9	3	·2
Second Age Group ...	921	114	12·4	588	63·8	216	23·5	3	·3
Third Age Group ...	483	95	19·7	298	61·7	85	17·6	5	1·0
Other Routine Insp's.	326	75	23·0	214	65·7	35	10·7	2	·6
Total... ..	2948	465	15·8	1952	66·2	518	17·6	13	·4

TABLE III.
HANDICAPPED PUPILS.

A.—BLIND.										B.—PARTIALLY SIGHTED.										
AGE (at 20th January, 1947)	In Special Schools		In Maintained Primary & Secondary Schools		In Indepen- dent Schools		Not at School		Total		In Special Schools		In Maintained Primary & Secondary Schools		In Indepen- dent Schools		Not at School		Total	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
2 and under 3 years	...	1	..	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
3 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6 " "	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
7 " "	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
8 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
9 " "	1	...	...	...	...	...	...	...	...	...	2	...	...	...	1	...	...	...	...	...
10 " "	1	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...
11 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
12 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
13 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19 and over	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	2	1	...	...	...	...	...	...	...	2	1	2	1	5	...	...	...	...	...	9

TABLE III.
HANDICAPPED PUPILS.

C.—DEAF.										D.—PARTIALLY DEAF.										
AGE (at 20th January, 1947)	In Special Schools		In Maintained Primary & Secondary Schools		In Indepen- dent Schools		Not at School		Total		In Special Schools		In Maintained Primary & Secondary Schools		In Indepen- dent Schools		Not at School		Total	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
2 and under 3 years	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5 "	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8 "	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 "	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1
11 "	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
12 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...
14 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15 "	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19 and over	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	3	2	...	...	...	...	...	...	1	3	3	...	...	5	2	...	...	...	5	2

TABLE III.
HANDICAPPED PUPILS.

AGE (at 20th January, 1947)	E.—DELICATE.								F.—DIABETIC.							
	In Special Schools				In Maintained Primary & Secondary Schools				In Independent Schools				Not at School			
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
2 and under 3 years	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18 " "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19 and over	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	...	...	43	49	...	...	...	...	43	49	...	...	...	...	1	1

TABLE III.
HANDICAPPED PUPILS.

AGE (at 20th January, 1947)	G.—EDUCATIONALLY SUB-NORMAL.								H.—EPILEPTIC.							
	In Special Schools				In Maintained Primary & Secondary Schools				In Independent Schools				Not at School			
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
2 and under 3 years	...	..	...	...	..	...	...	...	...	...	...	...	...	...	...	...
3 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13 "	...	1 1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19 and over	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	...	2	60	27	...	...	9	10	69	39	2	3	1	3	1	7

TABLE III.
HANDICAPPED PUPILS.

AGE (at 20th January, 1947)	I.—MALADJUSTED.								J.—PHYSICALLY HANDICAPPED.							
	In Special Schools				In Maintained Primary & Secondary Schools				In Independent Schools				Not at School			
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
2 and under 3 years	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3 " 4 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	..
4 " 5 "	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	..
5 " 6 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
6 " 7 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
7 " 8 "	...	...	...	1	...	...	...	...	...	1	...	...	...	...	3	...
8 " 9 "	...	...	1	...	...	...	...	...	...	...	3	3	...	...	3	3
9 " 10 "	...	...	...	...	...	...	...	...	...	...	3	3	...	1	5	5
10 " 11 "	...	...	1	...	...	...	...	...	...	...	...	...	1	...	2	4
11 " 12 "	...	...	3	...	...	...	...	...	...	...	...	...	...	1	4	1
12 " 13 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
13 " 14 "	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
14 " 15 "	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
15 " 16 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16 " 17 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17 " 18 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18 " 19 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19 and over	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	...	...	9	1	...	...	...	...	9	1	...	1	4	...	28	13

TABLE III.
HANDICAPPED PUPILS.

AGE (at 20th January, 1947)	K.—SPEECH DEFECT.										L.—MULTIPLE DISABILITIES (Pupils with two or more disabilities in Schedules A—K).									
	In Special Schools		In Maintained Primary & Secondary Schools		In Independent Schools		Not at School		Total		In Special Schools		In Maintained Primary & Secondary Schools		In Independent Schools		Not at School		Total	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
2 and under 3 years	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3 " 4 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4 " 5 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5 " 6 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6 " 7 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7 " 8 "	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8 " 9 "	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9 " 10 "	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 " 11 "	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11 " 12 "	...	...	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12 " 13 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13 " 14 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14 " 15 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15 " 16 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16 " 17 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17 " 18 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18 " 19 "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19 and over	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	...	...	9	4	...	...	...	...	9	4	...	...	2	2	...	...	2	2	4	4

NOTES ON PUPILS SUFFERING FROM MULTIPLE DISABILITIES.

Two boys and two girls are hæmiplegic or spastic children who are educationally sub-normal and are not at any school or institution.

One boy and one girl are physically handicapped, educationally sub-normal and maladjusted, and are on the ordinary school registers.

One boy is delicate and maladjusted and attends the ordinary school.

One girl is physically handicapped and educationally sub-normal.

TABLE IV.

RETURN OF DEFECTS IN CHILDREN ATTENDING MAINTAINED SCHOOLS AND TREATED UNDER THE AUTHORITY'S SCHEME DURING THE YEAR.

TREATMENT TABLES.

GROUP I.—MINOR AILMENTS (excluding Uncleanliness).

(a)	Disease or Defect.	No. of defects treated or under treatment during the year.				
Skin :—						
Ringworm—Scalp—						
(i.)	X-ray Treatment ...	...	...	...	...	—
(ii.)	Other Treatment ...	...	...	...	...	12
	Ringworm—Body ...	...	...	...	...	41
	Scabies ...	...	...	...	...	54
	Impetigo ...	...	...	...	...	228
	Other Skin Disease...	...	...	...	...	68
	Minor Eye Defects ...	...	...	...	...	35
	Minor Ear Defects ...	...	...	...	...	20
	Miscellaneous (<i>e.g.</i> , minor injuries, bruises, sores, chilblains, etc.) ...	...	...	...	...	1179
					Total ...	1,637
(b)	Total number of attendances at Authority's Minor Ailments Clinics ...					6605

GROUP II.—DEFECTIVE VISION AND SQUINT
(excluding Minor Eye Defects treated as Minor Ailments).

Number of Defects dealt with.		Number of Children for whom Spectacles were—	
Errors of Refraction (including Squint).	Other Defect or Disease of the Eyes	Prescribed.	Obtained.
180	7	154	165

GROUP III.—TREATMENT OF DEFECTS OF NOSE AND THROAT.

NUMBER OF DEFECTS.		
Received operative treatment.	Received other forms of treatment.	Total number treated.
163	17	180

GROUP IV.—ORTHOPÆDIC AND POSTURAL DEFECTS.

	Under the Authority's Scheme.			Total number of individual children treated.
	Residential treatment with education.	Residential treatment without education.	Non-Residential treatment at an Orthopædic Clinic.	
Number of children treated :—	5	—	93	93

GROUP V.—VERMINOUS CONDITIONS.

Work of the School Nurse or other Authorised Persons.

Total number of visits paid to schools	...	...	...	199
Average number of visits per school made during the year				16
Total number of examinations of children in the schools...				23191
Number of individual children found unclean	...	...		412
Number of interviews with parents	...	...	...	157
Number of visits to homes	...	...	...	164

SUMMARY OF WORK CARRIED OUT IN CONNECTION WITH THE DENTAL DEPARTMENT
DURING THE YEAR ENDED 31st DECEMBER, 1946.

(1) Number of children who were inspected by the Dentist :—
INSPECTION.

Children in attendance at schools situated in Divisional Education Area No. :—	Div. Educ. Area No.	(a) Routine Age Groups :													(b) Specials	(c) Grand Total (Routine & Specials)
		3-5	6	7	8	9	10	11	12	13	14	15+	Total			
2	502	477	504	514	655	549	646	471	487	62	—	4,867	253	5,120		

TREATMENT.

Children in attendance at schools situated in Divisional Education Area No. :—	Div. Educ. Area No.	(2) No. found to require treatment	(3) No. actually treated	(4) No. of attendances made for treatment	(5) Half-days		(6) Fillings		(7) Extractions		(8) Admini- stration of General Anaesthetics for Extractions	(9) Other Operations	
					Devoted to Inspection	Devoted to Treatment	No. of Perm. Teeth Filled	No. of Temp. Teeth Filled	Perm. Teeth	Temp. Teeth		Perm. Teeth	Temp. Teeth
	2	2,327	1,781	2,834	38	359	1,277	79	604	2,317	1,714	175	Nil.

